

05514500 CUIVRE RIVER NEAR TROY, MO--Continued
(Ambient water-quality monitoring network)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--1983 water year to current year.

REMARKS.--National stream-quality accounting network station October 1986 through September 1994. Ambient water-quality monitoring network station October 1994 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

		DIS-CHARGE, INST. CUBIC FEET PER SECOND (000061)	TEMPER-ATURE WATER (DEG C) (00010)	SPE-CIFIC CON-DUCT-ANCE (µS/cm) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TUR-BID-ITY (NTU) (00076)	OXYGEN, DIS-SOLVED (mg/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (mg/L) (00340)	COLI-FORM, FECAL, 0.7 µM-MF (COLS./100 mL) (31625)	STREP-TOCOCCI, KF AGAR PER (COLS./100 mL) (31673)	E. COLI WATER WHOLE TOTAL UREASE (COL /100 mL) (31633)
NOV 13...	1220	35	5.1	260	7.12	--	12.0	94	10	44	44	43
JAN 13...	0940	346	.9	300	7.88	31	13.5	93	--	K260	1900	540
MAR 18...	1015	9220	5.2	150	7.66	150	11.3	87	--	K12000	3100	3600
MAY 06...	0820	334	17.1	330	7.79	--	8.3	85	<10	140	80	140
JUL 27...	1545	83	27.9	400	7.52	7.5	10.3	128	--	92	74	96
SEP 02...	0750	30	23.6	378	7.58	6.5	6.0	71	--	180	960	210
DATE	ANC WATER UNFLTRD FET FIELD (mg/L as CaCO ₃) (00410)	ANC BICAR-BONATE IT FIELD (mg/L as HCO ₃) (00450)	ANC CAR-BONATE IT FIELD (mg/L as CO ₂) (00447)	NITRO-GEN, NO ₂ +NO ₃ DIS-SOLVED (mg/L as N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (mg/L as N) (00613)	NITRO-GEN, AMMONIA DIS-SOLVED (mg/L as N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (mg/L as N) (00623)	PHOS-PHORUS DIS-SOLVED (mg/L as P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (mg/L as P) (00671)	HARD-NESS TOTAL (mg/L as CaCO ₃) (00900)	CALCIUM DIS-SOLVED (mg/L as Ca) (00915)	MAGNE-SIUM, DIS-SOLVED (mg/L as Mg) (00925)
NOV 13...	138	180	0	.62	.02	<.02	.5	.03	.03	150	45	8.3
JAN 13...	98	120	0	1.8	.01	.08	.4	.12	.13	120	38	6.1
MAR 18...	48	58	0	1.1	.01	.09	.6	.16	.14	57	18	3.1
MAY 06...	130	160	0	--	--	--	--	--	--	150	48	7.1
JUL 27...	162	198	0	.34	<.01	<.02	.7	<.01	<.01	180	58	9.1
SEP 02...	174	213	0	.16	.02	.05	.4	<.01	<.01	190	59	9.3
DATE	SODIUM, DIS-SOLVED (mg/L as Na) (00930)	POTAS-SIUM, DIS-SOLVED (mg/L as K) (00935)	SULFATE DIS-SOLVED (mg/L as SO ₄) (00945)	CHLO-RIDE, DIS-SOLVED (mg/L as Cl) (00940)	FLUO-RIDE, DIS-SOLVED (mg/L as F) (00950)	SILICA, DIS-SOLVED (mg/L as SiO ₂) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (mg/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (mg/L) (70301)	SOLIDS, DIS-SOLVED PER DAY (TONS) (70302)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (mg/L) (00530)	ALUM-INUM, TOTAL RECOV-ERABLE (µg/L as Al) (01105)	
NOV 13...	11	5.9	16	17	.1	--	221	193	20.9	14	290	
JAN 13...	8.2	4.5	19	15	.2	11	190	169	177	--	--	
MAR 18...	4.5	3.6	9.9	6.9	.1	7.6	124	87	3090	--	--	
MAY 06...	9.1	3.4	22	11	<.1	--	211	176	190	31	640	
JUL 27...	9.0	4.3	20	12	.1	8.7	246	219	55.1	--	--	
SEP 02...	9.7	4.5	16	12	.2	9.0	240	226	19.4	--	--	
DATE	ALUM-INUM, DIS-SOLVED (µg/L as Al) (01106)	CADMIUM WATER UNFLTRD TOTAL (µg/L as Cd) (01027)	CADMIUM DIS-SOLVED (µg/L as Cd) (01025)	COPPER, DIS-SOLVED (µg/L as Cu) (01040)	IRON, DIS-SOLVED (µg/L as Fe) (01046)	LEAD, TOTAL RECOV-ERABLE (µg/L as Pb) (01051)	LEAD, DIS-SOLVED (µg/L as Pb) (01049)	MANGA-NESE, DIS-SOLVED (µg/L as Mn) (01056)	MERCURY TOTAL RECOV-ERABLE (µg/L as Hg) (71900)	ZINC, TOTAL RECOV-ERABLE (µg/L as Zn) (01092)	ZINC, DIS-SOLVED (µg/L as Zn) (01090)	
NOV 13...	50.7	<1	<1	<10	120	<1	<100	180	<.1	<10	<3	
MAY 06...	123	<1	<8	<10	110	<1	<100	140	<.1	<10	<20	

K--Results based on colony count outside the acceptable range (non-ideal colony count).